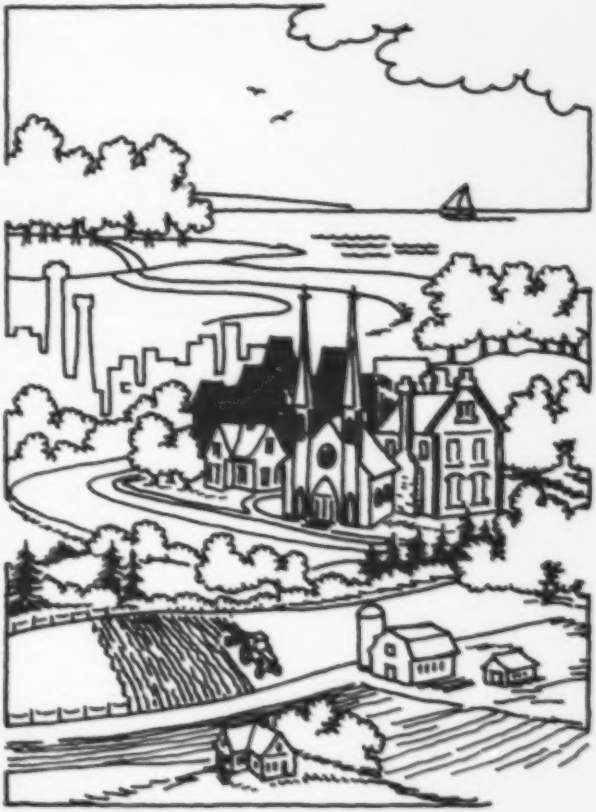
Community & Cultural Affairs



ANNUAL REPORT

1985

ANNUAL REPORT

OF THE

PRINCE EDWARD ISLAND DEPARTMENT OF COMMUNITY AND CULTURAL AFFAIRS

FOR THE YEAR ENDING DECEMBER 31

1985

Gilbert Clements
Minister

Kenneth F. DesRoches
Deputy Minister

ISSN 0827-987X

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Community & Cultural Affairs

Government of Prince Edward Island
P.O. Box 2000 Charlottetown C1A 7N8
11 Kent Street Tel. (902) 892-0311

The Honourable Lloyd G. MacPhail
Lieutenant Governor
Province of Prince Edward Island

May It Please Your Honour:

I have the honour to submit herewith the Annual Report on the activities of the Department of Community and Cultural Affairs for the period January 1, 1985 to December 31, 1985.

Your obedient servant,

Gilbert Clements

Gilbert Clements
Minister

Community & Cultural Affairs

Government of Prince Edward Island

P.O. Box 2000 Charlottetown C1A 7N8

11 Kent Street Tel. (902) 892-0311

The Honourable Gilbert Clements
Minister
Department of Community and Cultural Affairs
Province of Prince Edward Island

Dear Sir:

It is my pleasure and honour to submit to you the Annual Report of the Department of Community and Cultural Affairs for the year ending December 31, 1985. Relevant details are presented in divisional reports.

A few highlights of the Department's activities were:

— By authority of the new **Municipal Boundaries Act**, an up-to-date boundary plan, which supersedes all previous plans and descriptions has been established for each municipality.

— A departmental discussion paper outlining a proposal for revising provincial/municipal financial and service arrangements was released in April and input was sought through a number of organizations.

— Following approval of Official Plans by the Land Use Commission for Kinkora and Eastern Kings, these communities became responsible for administering their own land use and development plans.

— Allied Youth marked a historical milestone during the year when it celebrated its 25th anniversary in the province.

— A number of events were carried out in conjunction with International Year of Youth, notably the staging of the I.Y.Y. Provincial Youth Parliament.

— Approximately 190 athletes, team officials, and mission personnel represented Prince Edward Island at the Canada Games in St. John, New Brunswick in August.

— A very successful Canadian Heritage Festival was hosted by the Province in July, involving 110 performers from all provinces and territories in Canada.

— A new co-operative program with the Department of Industry, introduced during the year, was the Cultural Product Development Fund which provides grant support to Island entrepreneurs wishing to develop quality cultural products.

— Records available indicate that 1985 was the first year in the past 25 that the Province recorded no fire fatalities during the year.

— Emergency Measures Organization staff made arrangements for the attendance of 92 Islanders in various courses at the Federal Study Centre in Arnprior, Ontario.

— A new Charlottetown and area Regional Bulk Landfill site was opened in Miltonvale Park in July to replace the site in East Royalty.

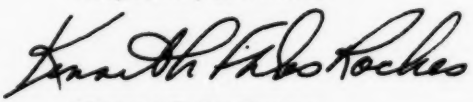
— A major project involving the preparation and distribution of a Pesticide Information Manual providing a quick means of identifying a pesticide was completed this year.

— In an effort to ensure firearm safety in the field, 28 Firearm Safety Courses were offered throughout the province with over 485 experienced and first-time hunters registered for instruction.

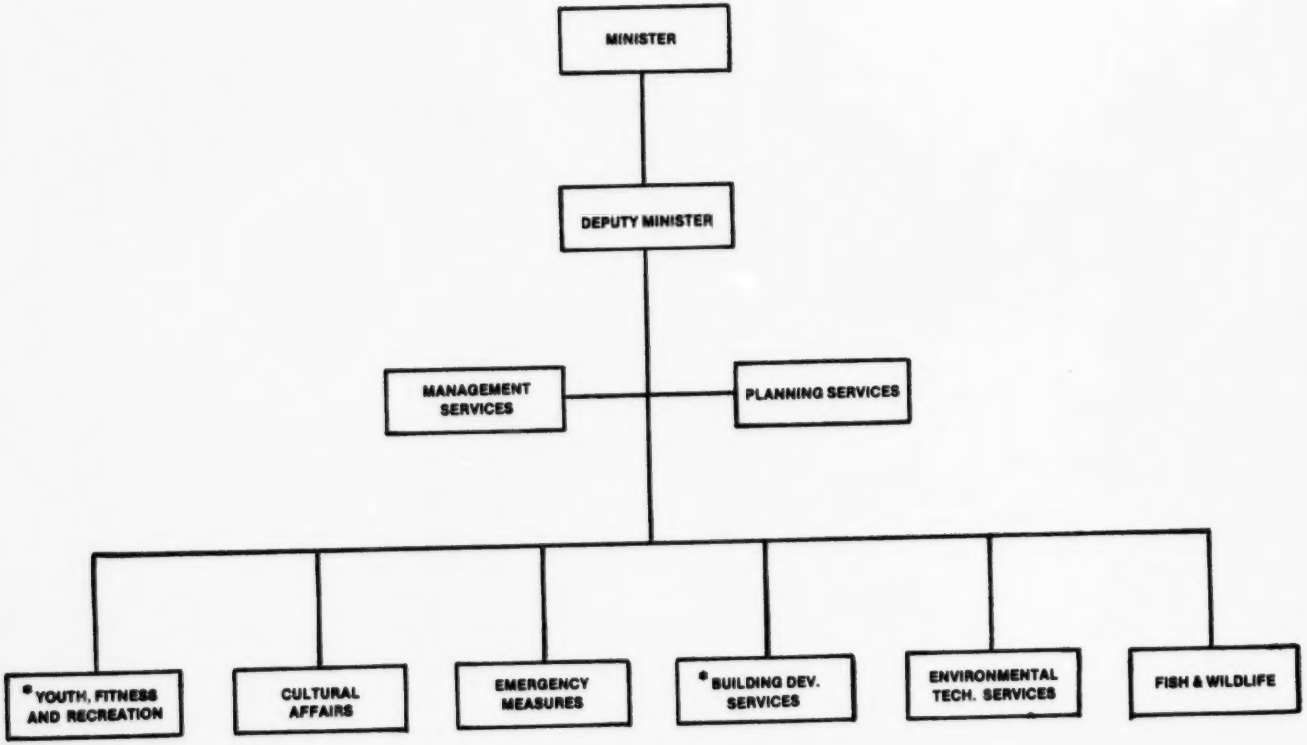
— Following the resignation of Gary Paynter, Property Development Officer in the West Prince Regional Services Centre, and Allan Andrews, Youth and Recreation Director for Charlottetown area, they were replaced by Gerald MacMillan and Francie MacDougall respectively. Neil MacDougall was also hired on a permanent, part-time basis as Unsightly Premises Inspector.

— It should be noted that Lorne Moase was Deputy Minister during the period under review.

Respectfully submitted,



Kenneth F. DesRoches
Deputy Minister



* Field staff located in Regional Services Centres

MANAGEMENT SERVICES UNIT

The Management Services Unit is responsible for the financial services of the Department. This includes the preparation of the annual budget, budget control, departmental accounting, purchasing and inventory control. The unit also provides management information services to ensure that operations are carried out efficiently.

A financial summary of the Department's revenue and expenditures follow:

REVENUES		
Building and Development		
Inspection Fees	$66,686	
Derelict Cars	26,914	
Other	4,166	$ 97,766
Administration		460
Fish and Wildlife		
Fish and Game Licenses	$119,615	
Other	370	$119,985
Environmental and Technical Services		
Utility Operations	$ 4,803	
Sandmining	1,365	
Pesticide Study	10,400	
Other	37	$16,605
Cultural Affairs		
Musuem Training Needs Survey	$ 11,000	
Canadian Heritage Festival	40,000	$ 51,000
Emergency Measures Organization		
Joint Emergency Planning Program		43,324
*Consumer Services		5,487
		$334,627
EXPENDITURES		
General Administration		$395,807
Planning Services		
Administration	$490,671	
Community Planning	33,241	$523,912
Youth, Fitness and Recreation		774,575
Municipal Support		3,556,450

Cultural Affairs		
Administration and Grants	$1,153,078	
PEI Museum and Heritage Foundation	504,403	
Museum Training Needs Survey	8,800	
Canadian Heritage Festival	17,847	$1,684,128
Building and Development		
Administration	$ 904,131	
Derelict Cars/Dilapidated Buildings	83,218	987,349
Environmental and Technical Services		
Administration	$ 376,277	
Provincial Solid Waste	740,646	
Community Dumps	170,914	
Marine Environment	49,282	
Water Resources	215,160	
Community Services Laboratory	125,264	1,677,543
Fish and Wildlife		
Administration	$ 472,519	
Land Acquisition	15,000	
Fisheries	5,650	
Upland Game	9,569	
Waterfowl and Furbearers	5,566	
Hunter Safety	9,519	517,823
Emergency Measures Organization		
Administration	$22,225	
Joint Emergency Planning Program	41,166	63,391
*Consumer Services		27,745
		$10,208,723

*Consumer Services transferred to Department of Justice on July 10, 1984. Figures represent operations for period April to date of transfer.

PLANNING SERVICES UNIT

This unit provides leadership and direction for the Department's efforts in policy and program development and in program and activity evaluation. The unit also contains a number of special service functions re' tive to municipal relations, community and regional planning, and environmental research, information and advice.

Municipal Affairs Section

As a result of the municipal elections which took place in November 1984, new town and community councils were sworn into office in early January to commence 3 year terms. A new town council was also elected in Summerside on November 26, 1985.

The Department co-sponsored with the Federation of P.E.I. Municipalities a series of 1-day workshops in February. These sessions examined the role of councillors, the conduct of council meetings, the **Municipalities Act,** intergovernmental relations and community planning. The workshops were very well received and as a result further training programs on selected topics are being considered.

Also in February, Warren Grove, formerly part of the Community of North River, became the 77th incorporated community. With 1 city and 8 towns this brings the total number of municipal units in the Province to 86.

In the spring the Legislative Assembly passed the **Municipal Boundaries Act** which was subsequently proclaimed on October 5, 1985. By authority of this new legislation, an up-to-date boundary plan, which supersedes all previous plans and descriptions, has been established for each municipality. These plans have been filed in the Registry Office and should minimize boundary interpretation problems which have been prevalent in the past.

In response to concerns expressed about present policy, a departmental discussion paper outlining a proposal for revising provincial/municipal financial and service arrangements was released in April. This proposal advocates increased responsibilty for urban communities in the provision of essential services such as street maintenance and policing. To fund these new costs, the paper calls for a transfer of provincial property tax points to these municipalities. The paper is now being considered by the Federation of P.E.I. Municipalities and discussions are presently underway on this important matter.

In early summer a presentation was made to the Charlottetown Electoral Review Commission asking the Commission to consider rescheduling City elections to coincide with those held under the **Municipalities Act.** A second suggestion was to bring candidate qualifications for City Council in line with provincial legislation. Both of these recommendations were subsequently made by the Commission to City Council and are now under consideration.

A report from the Federation of P.E.I. Municipalities recommending several amendments to the **Municipalities Act** was received. Included within this package is a proposal that would give communities the option of having a

day-long election poll rather than a public meeting. Based on their 1984 experience, many communities feel that this provision would significantly improve voter participation in their elections.

In terms of municipal funding programs, the equalization fund grew by 3.3% in 1985 to $3,284,100 and the average contribution towards eligible municipal expenditures was 19.52%. Operating grants to former C.I.C.'s increased from $79,940 to $119,714. This large increase was due in part to the 1984 policy change that permits the inclusion of local recreation programs as an eligible cost-shareable expenditure.

Under the Environmental Servicing Assistance Program, 4 projects were cost-shared including the installation of a new central sewage collection and treatment system in St. Peters. The following is a summary of the 1985 projects.

MUNICIPALITY	PROJECT	TOTAL COST	E.S.A.P.
St. Peters	central sewer system	$260,000	$177,000
Bunbury/Southport	sewer extension	305,277	100,000
St. Eleanors	water system extension	51,000	38,250
North River	sewer feasibility study	3,600	1,800

Community Planning Section

The community planning section carries out a program which includes a process of review and development of statutes, regulations and policies for planning at the provincial level. The program also provides direct technical and professional staff assistance, on request, to municipal units and community organizations.

During 1985, the services of the section were employed in a variety of activities. These can be generally categorized as provincial land use policy planning, regional planning, municipal planning and development project planning. Much of the field activity was generated through municipal councils and planning boards, government field staff, locally organized groups, individual entrepreneurs, and a combination of the foregoing. An improving economic climate seems to have encouraged local economic development activity during the year.

Procedures set out in the **Municipalities Act** and the **Planning Act** created the major focus for activities and tasks carried out in 1985.

Under the provisions of the **Municipalities Act,** those communities which were formerly C.I.C.'s are now enabled to pass bylaws for the purpose of implementing their official plans. In 1985 Alexandra and Cross Roads carried out this process. It is anticipated that several other communities will wish to take this action in 1986.

New official plans for Kinkora and Eastern Kings were approved by the Land Use Commission. Bylaws were passed by those communities and approved

by the Minister. In Cross Roads, a new official plan was approved to replace the previous plan. Subsequently Cross Roads Council passed new bylaws to replace earlier regulations.

Several municipal councils carried out comprehensive reviews of official plans which had been existing for a number of years. They were the City of Charlottetown and the communities of North River, Sherwood, Winsloe and East Royalty. Although the reviews were completed in some cases during 1985, the adoption and approval process will carry through into another year. The Town of Parkdale has also deferred its approval and adoption process to 1986, having completed much of its initial plan review in 1984.

The communities of Souris West, Keppoch-Kinlock, North Shore and Brackley, through the work of their planning boards, substantially completed work on their official plans during 1985. They have reached various stages in the adoption and approval process, which should allow them to complete their first-time planning projects in the coming year.

Several municipalities made decisions during 1985 to establish planning boards and commence preparation of their first official plans. They were the communities of O'Leary, Sherbrooke, Wellington, Union Road, Warren Grove, and the Town of Georgetown.

Planning programs in all municipalities were substantially assisted by the department, with technical and professional services being rendered on request. This enabled the planning boards to carry out the tasks assigned them by their respective councils. The following table summarizes the current planning status of all municipal units which have entered into a planning program before December 31, 1985:

MUNICIPALITY	PLANNING STATUS
City of Charlottetown	Master Plan and Development Bylaws (under review)
Town of Summerside	Development Bylaws
Town of Alberton	Official Plan and Development Bylaws
Community of Alexandra	Official Plan and Development Bylaws
Community of Brackley	Official Plan (in progress)
Community of Brudenell	Official Plan and Development Regulations
Community of Bunbury	Official Plan and Development Bylaws
Community of Cornwall	Official Plan and Development Bylaws
Community of Cross Roads	Official Plan and Development Bylaws (reviewed 1985)
Community of East Royalty	Official Plan and Development Bylaws (under review)
Community of Eastern Kings	Official Plan and Development Bylaws
Town of Georgetown	Plan and Development Bylaws (Official Plan targeted 1986)
Greater Charlottetown Environmental District	Official Plan and Development Regulations
Town of Kensington	Development Bylaws
Community of Keppoch-Kinlock	Official Plans (in progress)

Community of Kinkora	Official Plan and Development Bylaws
Community of Linkletter	Official Plan and Development Regulations
Community of Lower Montague	Official Plan and Development Regulations
Community of Miltonvale Park	Official Plan and Development Regulations
Town of Montague	Development Bylaws
Community of New Haven-Riverdale	Official Plan and Development Bylaws
Community of North River	Official Plan and Development Bylaws (under review)
Community of North Shore	Official Plan (in progress)
Community of O'Leary	Official Plan targeted 1986
Town of Parkdale	Official Plan and Development Bylaws (under review)
Community of St. Eleanors	Official Plan and Development Bylaws
Community of Sherbrooke	Official Plan targeted 1986 (interim planning policy in progress)
Community of Sherwood	Official Plan and Development Bylaws (under review)
Town of Souris	Development Bylaws
Community of Souris West	Official Plan (in progress)
Community of Southport	Official Plan and Development Bylaws
Community of Tignish	Official Plan and Development Bylaws
Community of Union Road	Official Plan targeted 1986
Community of Warren Grove	Official Plan targeted 1986 (interim planning policy in progress)
Community of Wellington	Official Plan target 1986
Community of West Royalty	Official Plan and Development Bylaws
Community of Wilmot	Official Plan and Development Bylaws
Community of Winsloe	Official Plan and Development Bylaws (under review)

Those municipalities involved in bylaw addministration and official plan implementation needed specific individual help from time to time. This was especially true for councils which were relatively inexperienced in plan administration. Considerable staff time was given in response to requests for advice and administrative assistance to municipalities.

Approximately 100 community planning, recreational planning and economic development planning projects were carried out with the municipalities of Charlottetown, Alberton, Borden, Georgetown, Montague, Souris, Summerside, Bunbury, Cardigan, Cornwall, Eastern Kings, East Royalty, Kinkora, Mt. Stewart, Murray Harbour, North River, O'Leary, Sherbrooke, Sherwood, Souris West, St. Eleanors, St. Peters, Tignish, Tyne Valley, Union Road, Warren Grove, Wellington, and West Royalty. In addition, approximately 25 projects of a regional or provincial nature were completed.

In the Mill River special planning area, designated under the Planning act Regulations, staff continued to assist the West Prince Area Industrial Commission in physical planning for development of the first phase of the Mill River theme park which had been approved the previous year. The first phase of construction was also completed by the developer. In the Eastern Kings special

planning area, the municipality adopted its first Official Plan, which was subsequently approved by the Land Use Commission. This was followed by the passage of local bylaws to implement the Plan.

Technical and professional support was provided on an ongoing basis to the Summerside Area Regional Planning Board and the Charlottetown Area Regional Planning Board. Staff also continued its liaison with the P.E.I. Land Use Commission.

Regional Planning Section

The only boards formed pursuant to the Act for Regional Planning are found in the Charlottetown and Summerside areas through the Charlottetown and Summerside Area Regional Planning Boards. These Boards, formed in 1974, provide a forum for discussion and resolution of joint problems and opportunities within their respective areas.

The Charlottetown Board has a membership of 13 municipalities with ex-officio representation from the Charlottetown Area Development Corporation (CADC) and the Greater Charlottetown Area Chamber of Commerce. This Board is also a minority shareholder in CADC. The Summerside Board has representation from 4 municipalities with ex-officio representation from the Greater Summerside Area Chamber of Commerce.

As in the past, each regional planning board provided for its own overhead and part-time secretarial service while the Department supplied all professional and technical services on a part-time and project basis.

Charlottetown Area Regional Planning Board (CARPB)

The Board continued to administer the Greater Charlottetown Environmental District Plan and with the assistance from the Department processed 13 applications. In addition to evaluating applications for development within the district, the Board, through a Federal Government Canada Works Project continued to make improvements to streambanks, mainly within the greater Charlottetown environmental district, and received approval of a further project with a budget of approximately $150,000. This project commenced in February and employed an average of 18 persons over a 26 week period. Under this and previous improvement projects nearly 20 miles of streambanks have now been treated.

During the year the Board was successful in gaining unanimous agreement from the member municipalities respecting the approval of the Charlottetown Area Regional Plan Guidelines.

In keeping with the 1979 Charlottetown Area Transportation Plan considerable progress was made in construction of the Charlottetown perimeter arterial. This included development of the road between Hillsborough Bridge and St. Peter's Road. Towards the end of the year a contract was let by the Department of Transportation and Public Works to complete the section of the arterial between the St. Peter's Road and Oak Avenue in the Community of Sherwood.

In July, based upon the agreement negotiated amongst the Department, the Community of Miltonvale Park, and the Board, a new bulk waste sanitary landfill operation was opened. This site has been designed to provide disposal service to the region for the next 15 years. Operations information and input is provided by a committee consisting of representatives from the Community, the Department and the Board.

In co-operation with the Community Planning Section the review of the City of Charlottetown Plan continued during the year. A major policy evaluation and options component was completed under a consulting contract arranged through the Maritime Resource Management Service.

The Board provided assistance in an advisory capacity to the Steering Committee examining the feasibility of holding the 1991 Canada Winter Games in Prince Edward Island.

In the latter part of the year the Board began a review of its overall operations with a view to determining what its future role and activities will be over the next several years.

Summerside Area Regional Planning Board (SARPB)

Discussions continued with the member communities of the Board with respect to the adoption of the proposed regional plan for the area.

A Canada Works Project to prepare a retail profile of the Summerside region was initiated. This project, which provided 48 work weeks of employment over a 12 week period, was completed in the spring and the report was distributed to retailers in the area. During the latter part of the year a seminar on retailing, sponsored by the Board and the Department of Industry, was carried out.

Assisted by the Youth, Fitness and Recreation Division the Board formed an advisory committee, consisting of representatives from Summerside, St. Eleanors, Wilmot and Linkletter, to examine the current and potential future operations of the Summerside Recreation Centre. The Committee's report will be made public early in 1986, following which a decision on future operation of the Centre will be made by the communities.

During the year the Board communicated with the province on several matters including signage and replacement of the "Red Bridge" in Wilmot.

Research and Information Section

This section provides for, or assists in, the development and dissemination of information and education materials relative to the Department's responsibilities, in an effort to heighten an awareness of individuals towards their community and the environment. As well, support services in the form of policy planning and developing alternative program strategies are afforded to divisions of the Department as required.

During the year specific emphasis was placed on the development of a slide-tape production concerning acid rain; the production and distribution of

10,000 pamphlets dealing with proper wood stove use; and the distribution of two environmental film strip programs to schools across the Island.

The section now has approximately 15 general interest publications which are available free of charge, covering a wide range of environmental topics.

Due to the large number of problems experienced at the 6 solid waste container sites, a concerted effort was made, through advertising, press releases, pamphlets and direct mailing, to inform the public about the problems and to correct the situation.

A comprehensive review was also carried out on the present solid waste management system and work is continuing in developing recommendations to improve the system.

During the year, activity in the area of hazardous waste management increased, as well as public attention to the problem. The province participated in a number of national and regional committees and workshops in an attempt to resolve some of the problems associated with hazardous wastes. A series of 3 pamphlets on PCB's were developed jointly by all provinces and will be available for-distribution next year.

The Department continued to provide garbage bags for the annual roadside cleanup, an activity co-ordinated by the Women's Institute and supported by thousands of individuals and organizations across the Island.

CULTURAL AFFAIRS DIVISION

This division is responsible for the promotion and support of the many aspects of Island culture such as Heritage and Museums, the Arts, Community Education, and Cultural Industries through policy and program development, financial and professional assistance, and special resource services in the area of Island Studies.

Heritage and Museum

The Prince Edward Island Museum and Heritage Foundation is the provincial agency responsible for museum and historical resource development in the province, including the administration of 4 thematic historic sites and a broad range of other public programs and services. The province continues to provide upwards of 90% of the Museum and Heritage Foundation's annual budget, the balance coming from endowment revenues, memberships, book sales and cultural agency grants from the Government of Canada.

The Department worked with the Museum and Heritage Foundation and the Confederation Centre Art Gallery and Museum in reviewing planning studies that were carried out by the two agences. It is expected that the institutional reviews will lead to the development of a co-ordinated museums policy.

At the local level, the Department awarded an initial operating grant to the Community Heritage Federation of P.E.I., a new provincial organization dedicated to the enhancement and development of smaller community museums across the province. Meantime, a provincial museums training study, initiated by the Department in 1985, identified the Community Heritage Federation as the manager of a proposed training program for all Island museums.

Arts

The P.E.I. Council of the Arts, the provincial arts granting agency funded by the Department, awarded grants to individuals and groups in 1985 totalling $74,000. The Council also received assistance from the Federal Department of Communications to computerize its office and upgrade management systems.

Regional arts councils continued to serve the needs of community arts groups throughout the province. At present there are 6 regional councils, all of whom were financially assisted by the Department in 1985. The Cultural Affairs Division also met with the councils several times during the year in an attempt to foster a more integrated approach to arts programming provincially.

The Department assisted 21 students under the "Art Education Bursary Program" in 1985 once again enabling talented Islanders to pursue advanced study in the performing and visual arts.

Island Community Theatre, Inc., a provincial theatre development agency, core-funded by the Department and the University of Prince Edward Island, had a very busy and productive year. Several stage productions were mounted and ICT continued to assist local drama groups throughout the province.

In July Prince Edward Island successfully hosted the Canadian Heritage Festival. This national performing arts event, jointly sponsored by the Department and the Federal Ministry of State for Multiculturalism, took place in 9 communities across the Island and involved 100 performers from all provinces and territories of Canada. About 5,000 local residents and visitors attended the performances. In addition, an Island film company Video Atlantic, produced an excellent documentary film on the Festival which was broadcasted regionally on the C.B.C. network.

The division also co-ordinated Prince Edward Island's involvement in other festivals and special events during the year, including the "Festival By The Sea" held in conjunction with the Canada Summer Games in Saint John, New Brunswick.

Community Education

The P.E.I. Association of Community Schools experienced another successful year, made notable by the publication of a written history commemorating 20 years of Community School activity.

Community School continues to be a unique community-centered volunteer program offering a wide range of informally presented courses, from local history to a layman's understanding of the law, as well as many other subjects.

The Association receives an annual operating grant from the Department which enables it to employ a co-ordinator and to sponsor workshops.

Cultural Industries

The past year marked the introduction of several new program initiatives in support of Island cultural industries flowing out of the recent inter-departmental study **Towards a Strategy for Cultural Enterprises Development in Prince Edward Island.** One of these initiatives, the "Cultural Product Development Fund", which provides grant support to publishers, film producers, and other Island entrepreneurs wishing to develop quality cultural products, is administered jointly with the Department of Industry. Since its inception 10 development grants have been awarded totalling $40,000.

YOUTH, FITNESS AND RECREATION DIVISION

The division encourages and promotes the adoption of a healthy lifestyle and the wise use of leisure time by all residents of the province. In an attempt to ensure that adequate opportunities are provided towards these ends, financial assistance, consultative and other resource services are provided to approximately 150 voluntary community, and provincial youth, fitness, amateur sport and recreation agencies and organizations. Such services are provided to assist these volunteer groups to carry out adequate program planning and development.

In recognition of the difficulties associated with operating recreation facilities and in staging special community events, the division makes available consultant services for facilities management and special community events.

Recreation

Seventeen (17) communities received professional recreation leadership grants to assist in the employment of professionals in the recreation field. During the year the communities of Tignish, Alberton and Borden appointed new municipal recreation directors in the persons of Lynn Gaudette, Karen Stewart and Doug Dexter.

Communities also received funding in the form of program grants to help subsidize their community recreation programs.

The division, in co-operation with the P.E.I. Recreation Association, sponsored and participated in the annual workshop for professionals in the recreational field. The workshop, held in Summerside, focused on the needs of special population groups, and the process for assessing such needs. As well a session was held on the maintenance of outdoor facilities.

A number of other leadership development opportunities were provided at the local and regional levels for both volunteers and professional recreationalists in such topics as fitness and programming.

Youth

Allied Youth continued to be an active program at the local, regional and provincial levels. An outstanding event of the year was the hosting of the International Allied Youth Conference in Mill River with 300 delegates in attendance from various regions of Canada and United States.

A historical milestone in the life of Allied Youth was the celebration of the 25th Anniversary of Allied Youth in Prince Edward Island. A public reception involving many A.Y'ers, past and present, was held at the Wandlyn Motel in Charlottetown on November 23. As well, a newspaper supplement on the Allied Youth Program in Prince Edward Island was carried in the Guardian and Evening Patriot newspapers in November.

Provincial Allied Youth Conferences were held in May with the Junior Conference, as usual, being held at the University of Prince Edward Island with 200 in attendance, while 100 A.Y.'ers attended the Senior Conference at Rodd's Mill River Resort. At the Senior Conference, Laura Lee Ford of Souris was elected

Provincial President and Sandy Nicholson of Montague was elected International Representative.

The Peer Education Program continues to be strong across the province with grade 11 and 12 students continuing to instruct their peers in grade 8 in drug education and grade 7 in alcohol education. As well, for the first time peer counselling training was initiated in various regions of the province as a component of the Senior Allied Youth Program. Students are trained to counsel their peers with problems and concerns, throughout the school year.

The division continued to relate closely with various other youth agencies and organizations during the year including the Red Cross, Y.M.C.A., Student Councils, Boys and Girls Club, Boys' Brigade, Boy Scouts, Girl Guides and the Duke of Edinburgh Awards Program.

Recognizing that 1985 was the International Year of Youth, the division was involved in the co-ordination of a number of special activities and events during the Year. The most significant event was the convening of the I.Y.Y. Provincial Youth Parliament. Forty-six (46) delegates from across the province were in attendance and debated a number of resolutions.

Fitness

The division continued to provide a promotional, co-operative and supportive role in the area of fitness through the dissemination of resource information, professional presentations, and the provincial co-ordination of a number of award accreditation and participation programs.

The Corporate Challenge and the National Physical Activity Week were 2 events co-ordinated by the division. These promoted participation in physical activity and provided an opportunity for residents across the province to participate in a physical activity.

A Provincial Fitness Leaders Committee was established during the year and preliminary discussions were held regarding the provincial implementation of accreditation programs for fitness leaders.

Special Events

The division assisted in the staging of 40 special events held in communities across the province involving 1,000 volunteers. Considerable revenue to assist community recreation programs was generated as a result of these efforts.

Amateur Sport

The provincial involvement in the Canada Summer Games in Saint John, New Brunswick highlighted the amateur sport programming in the province. One hundred ninety-two (192) athletes, team officials and mission personnel represented the province under the direction of the Provincial Chef-de-Mission, Cletus Dunn. Ms. Katherine Josey of Hillsborough Village was the sole medalist capturing a silver medal in swimming.

The provincial contingent to the 1987 Canada Winter Games in Cape Breton, Nova Scotia, continues preparations under the guidance of Chef-de-Mission, Brian McFeely, and his mission staff.

A steering committee representative of a number of municipalities and other organizations interested in hosting the 1991 Canada Winter Games was struck under the chairmanship of the Deputy Minister of Community and Cultural Affairs. A private consulting firm was engaged to carry out a feasibility study regarding the hosting of such an event.

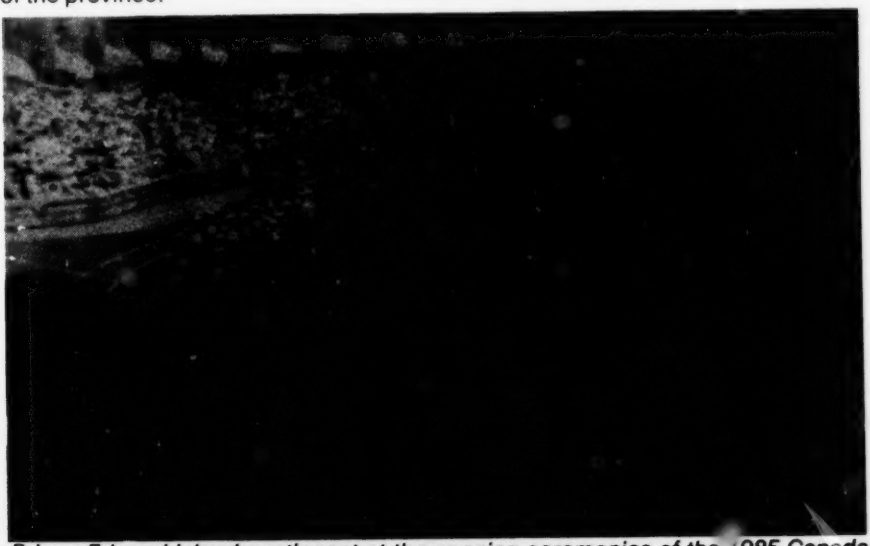
The Provincial Co-ordination Committee on Planning for amateur sport completed a report which has been presented to Executive Council.

During the year provincial sport governing bodies were provided financial assistance and consultative services. Assistance was provided to sport groups hosting provincial, regional and national events. The National Coaching Certification Program continued to provide a mechanism for the training and upgrading of those involved as coaches in amateur sport. As well a number of officiating clinics and workshops were supported in co-operation with various sport governing bodies.

A number of outstanding athletes in the province were provided financial assistance through the Atlantic Athlete Assistance Program of the Federal Government's Department of Fitness and Amateur Sport and through the provincial Elite Athlete Assistance program.

Leadership

The Skills Program for Management Volunteers was implemented in the province with Master Trainers and Trainers being selected and trained in the topics of time management, marketing, financial management and long and short term planning. A number of pilot courses were held in the various regions of the province.



Prince Edward Island contingent at the opening ceremonies of the 1985 Canada Summer Games in Saint John, New Brunswick.

BUILDING AND DEVELOPMENT SERVICES DIVISION

The five sections which comprise the division have continued to provide a technical advisory and inspection service at the regional level. To ensure continuity in the administration of programs, regular staff meetings and training sessions have been held to maintain and improve the service to both the consumer and the building industry.

Fire prevention activities have continued to play a major role in the work of the division. While the number of inspections have increased, the loss of property measured in dollars has decreased considerably. Furthermore, it should be noted that the year was fatality free, which may be attributed to the fire prevention programs carried out by this office.

The division has also continued its mandate to provide statistical data on development within provincial jurisdiction and has reinstated the practice of posting a weekly list of building permits and subdivision approvals at each of the regional services centres.

As a result of the steady increase in building activities during 1985, the inspection teams have experienced increased demands for inspection services at both the community and consumer level.

Subdivision Development Section

In 1985, the section received and filed a total of 344 subdivisions. Eighty-nine (89) of these, containing 281 lots, were granted final approval, and 183 others were filed for record purposes only, being the first lot separated from a property for single family dwelling or mobile home use. Two (2) applications were not approved, and 70 others are either approved in principle or still pending for a variety of reasons.

The following is a breakdown, according to use, of the number of lots created by the 89 final approvals:

single family dwelling (including mobile home used as single family dwelling)	74
summer cottage	170
commercial	3
miscellaneous	34
TOTAL	281

Two (2) decisions made by the section were appealed by the applicants to the Land Use Commission. In both cases, the Commission upheld the original decision of the section.

Although the number of applications filed this year is not significantly larger than in 1984, the number requiring detailed consideration by the section has increased. This resulted in increased site inspections, consultation with other departments and agencies, and preparation of design concepts for individual applicants. In addition, it seems likely that communities with official plans and zoning and subdivision control bylaws may want to make greater use, in future, of the section's technical advice and assistance in handling proposals within

their boundaries. The services now provided are being reviewed to determine whether any improvement and standardization is necessary.

The section has also continued to administer the Highway Advertisements Act Regulations issuing 38 licenses to individual businesses to permit the maintenance or erection of 85 advertisements.

Two (2) decisions of staff to refuse licenses were appealed to the Provincial Advertisements Committee. The Committee recommended to the Minister that appeals be granted subject to conditions.

Over the past few years, a new approach to the Highway Advertisements Regulations has been developed with the co-operation of the Tourist Industry Association of Prince Edward Island. This regulation will shortly be presented to government for review.

Property Development Section

This section administers the Planning Act Regulations as they apply to building and the development of land. In addition, the Property Development Officers provide administrative support and inspection services to some communities who have adopted regulations under an official plan.

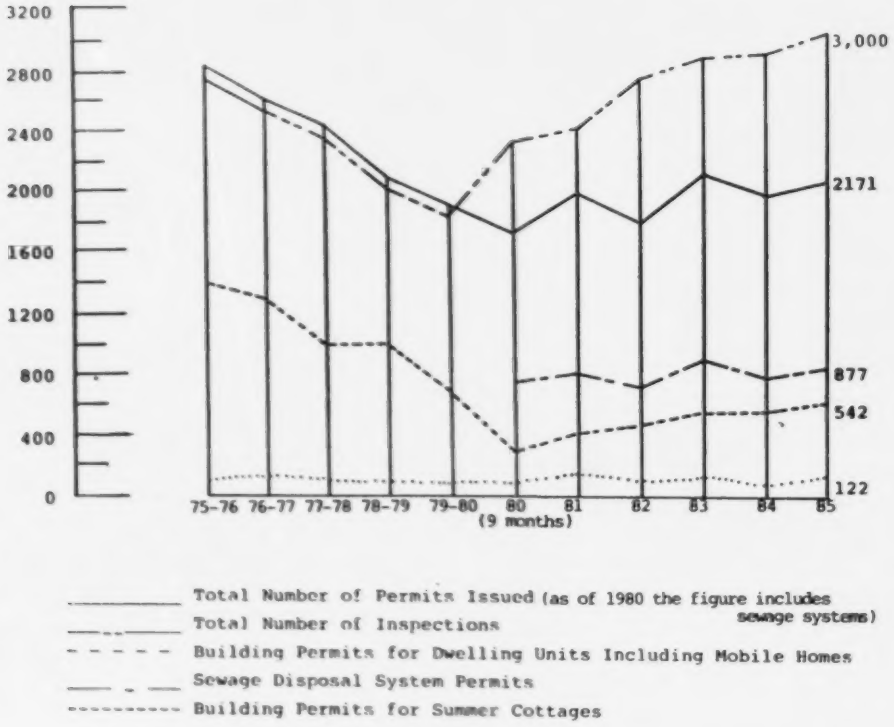
The section also has responsibility for administering the Environmental Protection Act Sewage Disposal Regulations. This service includes helping property owners to resolve problems with existing malfunctioning sewage disposal systems.

Since 1979, when the section first assumed responsiblity for administration of the sewage disposal regulations, the volume of work for section staff has steadily increased to where it is now at the highest point on record. In 1985, staff processed 1294 building permits, 877 sewage disposal system permits and carried out approximately 3000 inspections.

During the year, staff have experienced an increased demand from Municipal Councils for assistance in the administration of their Official Plans. In addition to those who have recently adopted bylaws for the first time, Municipalities who have been adminstering their bylaws independently for a number of years have identified the need for this assistance.

In 1985, the section reviewed and are considering proposed amendments to the Sewage Disposal Regulations, aimed at overcoming obstacles in the application of adequate minimum standards while at the same time contributing to the reduction of future problems for Island consumers.

Building Permits, By Major Categories, Issued by the Province



Electrical, Elevator and Plumbing Section

A substantial increase in both the electrical and plumbing construction activity was experienced during the year. The Electrical Inspection team has carried out approximately 9,300 inspections during the year while the Plumbing Inspectors carried out over 3,000 inspections during the same period.

In addition to the inspections carried out by the Electrical and Plumbing Inspectors located in the regional offices, approximately 1,000 inspections on elevating devices, amusement rides and lightning rod installations were conducted by the staff of the Chief Electrical Inspector's office.

Following are relevant statistics of the Electrical, Elevator and Plumbing section:

Electrical Activities	**1984**	**1985**
Inspections		
Applications received for Inspection	4403	5626
Connection Permits Issued	2429	2794
Licenses Issued Annually		
Electrical Contractors	184	201
Journeymen	323	306
Apprentices	62	48
Special	23	21
Examinations		

Qualifying Examinations for Electrical Contractors

Date of Examination	No. of Contestants	No. Qualifying
January, 1985	7	4
June, 1985	9	9

Elevator Activities		
New Installations	24	2
Existing Installations	148	172
Lightning Rod Activities		
Inspections		
Applications received for Lightning Rod Inspections	63	39
Licenses Issued		
Lighting Rod Manufacturers	1	1
Agents and Installers	4	4
Plumbing Activities		
Permits Issued	753	850

Fire Marshal's Office

During the past 25 years, this province has averaged approximately 6 fire fatalities per year, the highest per capita rate of any province. During 1985, the province did not record a single fatality by fire. Records available show 1985 to be the first year to be fatality free. Considerable credit for this achievement can be attributed to the positive response by homeowners to the promotional program urging people to install smoke detectors in private homes. As well, the high profile public image of volunteer fire fighters during their expanded training programs and other community activities have constantly reminded the public of fire safety.

Water Resources staff and staff of the Utilities Section were appointed as inspectors by the Provincial Fire Marshal to administer National Fire Protection Association Codes 30 and 329, which pertain to petroleum underground storage tanks.

Sixty-two (62) volunteer fire fighters attended the 48 hour Level II Fire Fighter Training Program at the training centre in West Royalty while another 42 officers attended a 16 hour training program at C.F.B. Summerside. In addition, a 1 day Specialized Training Session was held in December.

On October 22, 1985, the Fire Marshal was appointed an inspector under the new **Transportation of Dangerous Goods Act.**

Following are relevant statistics from the Fire Marshal's office:

	1984	1985
Total number of building inspections	1560	1800
Total number of fire investigations	48	63
Building plans reviewed	40	78
Number of fire of incendiary nature (excluding vehicles)	27	32
Total number of deaths by fire	9	0
Total number of fires recorded	550	620
Total number of motor vehicle fires	66	87
Total number of fires over $100,000	5	2
Total poperty loss	$4,500,000.	$4,000,000.
Total insurance loss	$3,500,000.	$3,000,000.

Derelict Cars and Unsightly Premises Section

Approximately 2,430 vehicles were hauled to the 16 provincial storage sites by 4 haulers during the year. Approximately 2,155 tons of crushed cars were shipped from provincial sites while 1,213 tons were shipped from private yards.

Eight (8) buildings were demolished while another 84 buildings were removed under the Unsightly Premises Program.

	1984	1985
Number of provincial haulers	4	4
Number of provincial storage sites	17	17
Number of private autombile junk yard permits issued	49	47
Cars hauled to provincial storage sites	2477	2559
Crushed cars shipped from province (measured in tons)		
Provincial sites	2691	2155
Private yards	977	1213

Students are made up as accident victims of a simulated bus crash to test the Emergency response to such a situation.

EMERGENCY MEASURES ORGANIZATION DIVISION

The Emergency Measures Organization has the responsibility of co-ordinating the response of government to either peace or wartime disasters, as well as investigating and reporting all land based spills of hazardous substances.

In carrying out its mandate to ensure a reasonable state of emergency preparedness, E.M.O. promotes the production of both specific and general emergency plans, and also carries out exercises to test these plans and the province's emergency response capability.

A Joint Emergency Planning Project, cost-shared with the Federal Government, enabled the division to test the preparedness of disaster situations through the staging of various types of exercises. Over the past year 7 exercises were staged across the province.

A 1 day Seminar on Radiological Defence Training was held during September. The 45 volunteer Radiological Defence Officers and Monitors, assembled for the 1 day training, were given an opportunity to upgrade their ability to perform their jobs as volunteers.

Thirty-nine (39) spills were reported to the Department and investigated during the year involving a total of 31,000 litres of petroleum products. This compared with 19 spills and a total of 43,500 litres in 1984.

E.M.O. made arrangements for the attendance of 92 Islanders in various courses at the Federal Study Centre, Arnprior, Ontario. The following is a list of courses and seminars sponsored and funded by Emergency Planning Canada during the year with the number of people from the province who attended:

Plans and Operations (peace)	9
Plans and Operations (war)	2
Community Emergency Planning (health)	16
Community Emergency Planning (social services)	36
Mayor and Elected Municipal Officials	4
Transportation of Dangerous Goods	5
Instruction Special Care Facilities	2
On-Site Managers Course	3
Health and Welfare Directors Conference	2
Exercise Design	6
Training and Education Symposium	1
Radiological Defence Officers Course	2
Advisory Group Meeting	2
Directors Meeting	2
	92

ENVIRONMENTAL AND TECHNICAL SERVICES DIVISION

The division continued to provide both management and technical services to the public and private sector in executing the many environmental programs of the Department.

The division consists of 4 sections, representing 4 areas of responsibility — Air and Solid Waste Management, Utility Operations, Marine Environment and Water Resources.

Air and Solid Waste Management Section

The Air and Solid Waste Management Section is responsible for developing, implementing and maintaining programs relative to air quality control and refuse disposal assistance throughout the province. The section also provides a technical advisory service within government and to the private sector as a part of the overall function of the Environmental and Technical Services Unit.

Staff provide routine maintenance and operation to the National Air Pollution Surveillance Station in Charlottetown (a Federal-Provincial joint venture which maintains sampling stations in every major city in Canada). Sulpher dioxide and particulate matter samples are collected regularly and forwarded to the program's lab in Dartmouth.

The section also maintains an "acid rain" sampling station in the province in co-operation with Environment Canada's national program to evaluate the long-term effect of acidic precipitation.

Staff routinely provide evaluations of air quality impact of new or existing facilities such as asphalt plants and industries. Operational emission guidelines were developed for various contaminants to protect the health and well-being of the public.

In recent years some of the province's asphalt plants have attracted considerable negative attention. Increased awareness has resulted in the Department's reinstating the requirement for operating permits in an effort to control the situation until a more permanent solution can be found. Six (6) permits were issued in 1985.

The increase in wood-fired residential and business heating units and particularly the several large boilers proposed for the Charlottetown area has presented some real and potential problems for air quality in the urban areas. Staff are working with individual plant owners and designers of the large plants to develop practical guidelines and in the case of existing units — to improve installations.

A new Charlottetown Area Regional Bulk Landfill in Miltonvale Park was opened in July to replace the site in East Royalty. This site operates in conjunction with the Energy From Waste Plant and accepts bulk waste only.

This section also continues to operate the regional refuse disposal sites in St. Eleanors and Cardigan, and the 6 rural refuse container sites in Queens County.

The section is involved in the operation of 40 community refuse disposal sites serving areas of the province not served by the landfills or the Energy From Waste Plant. Approximately 1/3 of these sites are managed by committees with funding coming from the Department. The remaining sites have little or no local involvement and Department staff provide the necessary management.

Approximately 50 reports of various environmental incidents were received in 1985; 30 of which were for improper waste disposal. These cases included private dumps for general garbage, fish offal, manure storage and spreading, and similar situations where improper and thoughtless procedures adversely affected the rights and property of others. The remaining 20 cases pertained to excessive emissions of air contaminants, primarily resulting from poor installation and operation of solid fuel burning units.

Assistance was provided for the safe disposal of special and hazardous substances including industrial chemicals, agricultural chemicals, unused chemicals from schools, oily wastes, and a variety of unknown substances from private wells.

As well, reports of PCB contamination from electrical transformers were investigated and samples collected for analysis at Environment Canada's Laboratory.

Utility Operations Section

The responsibility of this section relates to water supplies and wastewater treatment for municipalities, industries, institutions, commercial and individual domestic systems.

Technical assistance is provided to municipalities, industries, commercial establishments, and other agencies of government with respect to the development, operation and maintenance of water supply and waste treatment systems. Approximately 90 sites were inspected either for existing problems or for approval for onsite sewer and water services.

The section is also responsible for the operation and maintenance of provincially-owned water supplies and waste treatment facilities.These include industrial water systems in Montague, Georgetown, North Rustico, Alberton South, Egmont Bay, Beach Point, and Souris; and wastewater treatment plants in Montague, New Annan and Central Bedeque. The industrial water systems in North Rustico and Georgetown serve some non-industrial users as well.

On December 17, 1985, an appeal by the Department was made before the Public Utilities Commission requesting approval for a rate increase for users of the North Rustico system. Approval of an increase was being sought in an attempt to have the utility operate at a break-even situation and to establish a fund for major repairs to the system in the future.

This section also worked closely with the Water Resources Section in compiling an inventory of underground petroleum storage tanks, government-owned as well as those owned by retail outlets.

Staff responded to a number of water and domestic sewage disposal system problems and made recommendations to correct the situation. Improper installation, poor quality sewer pipe and poor system maintenance are the main contributing factors in the malfunction of these systems.

Over the past year, 18 septic tank pump truck operators were licensed for operation in the province. Staff inspected sewage disposal areas as well as investigated complaints of improper waste disposal. The disposal of waste sludge from the anaerobic digesters at the Charlottetown Area Pollution Control Plant was also monitored.

Section staff aided Building and Development Services Division in preparing a draft of proposed new Regulations Governing Sewage Disposal Systems.

A weekly sampling program was continued during the past year to monitor the performance of 7 municipal and industrial wastewater treatment plants, 5 package wastewater treatment plants with seasonal operations and 14 municipal lagoons.

In co-operation with Environmental Canada, joint environment inspections were carried out on all industries receiving industrial grants to assess any environmental problems associated with their operations.

Staff co-operation with the Energy Corporation, Department of Industry and Cavendish Farms in developing a new waste treatment facility at Cavendish Farms in New Annan. The new treatment facility is being constructed not only to treat the wastewater but will also produce methane gas from which electric power will be generated. It is anticipated the new system will be in operation by June 1986.

Assistance was also given in the evaluation of the wastewater treatment facility at Coby Foods, Bedeque, to determine its efficiency and future need for waste treatment facilities.

Marine Environment Section

The objective of the Marine Environment Section programs is to manage and restore the natural quality of the marine and marginal marine resources around P.E.I. The section also has as part of its responsibility the operation of the Community Services Laboratory, the enforcement of the Sand Removal from Protected Area Regulations and the Planning Act Regulations for the Control and Management of Excavation Pits.

Investigation of the water quality and eutrophication problems on the West River upstream of the causeway at Meadowbank, East Lake, and Indian River were carried out during the year.

Bi-weekly monitoring of pH levels in Glenfinnan and O'Keefe's Lakes was carried out in an effort to evaluate the long-term effect of the lake liming program involving the addition of agricultural limestone to both lakes in order to restore pH levels to the normal range.

The federal/provincial co-operative shellfish growing area surveillance program was active during the summer of 1985. This program is directed specifically toward the evalution of the shellfish growing waters. Growing areas are classified as open, conditionally opened or closed according to strict water quality standards. Detailed surveys were carried out at West River, Wood Islands, Cardigan River, and Wolfe Inlet, while sanitary reappraisals were completed at North Lake, Basin Head, South Lake, Souris River, St. Peters Bay, Rollo Bay, Savage Harbour, Little Pond and Little River. A conditional opening program was operated at Mill River during the summer and fall season.

The Community Services Laboratory operated by the Marine Section provides primarily chemical and micro-biological analysis of water, waste water, and food products.

The following table provides a summary of the number of analysis carried out for each user agency during the first full year of operation.

Type of Analysis	Community and Cultural Affairs	Health	Agric.	Milk Marketing	Private
Water (Microbiological)	2749	2078	—	—	453
Water (Chemical)	2589	101	—	—	—
Food	—	184	—	—	34
Dairy Products	—	918	122	286	34
Env. Swabs	—	177	—	—	—
Waste Water	2639	—	—	—	—
Soil	56	—	—	—	—

In co-operation with the P.E.I. Milk Marketing Board the Laboratory was involved in investigating the keeping-quality of milk from all Island dairies. Prior to the program 2 staff members attended a week-long training course at the Provincial Milk Lab in Fredericton, N.B.

The extraction of sand from beaches of Prince Edward Island for use in the commercial manufacture of concrete showed a slight decline compared to the 1984 figures. During the year 28 permits were issued at 18 different sites totaliing 40,573 cubic metres.

The Department responded to and investigated a number of complaints relative to sand removal. A combination of factors including public pressure and deteriorating onshore conditions led to the closure of all beaches between Pt. Prim and Wood Islands from November 1, 1985 to November 1, 1986. The only exception to this was in the area of Belle River Wharf where a maximum removal of 3,000 cubic metres will be permitted. Beach profiles were completed at all removal sites at least once during the year.

The terms of reference for a study to complete a socio-economic evaluation of alternate sources of sand for use in the concrete industry in the province were developed and proposals received from consultants. It is anticipated that this study will get underway early in the new year.

The Excavation Pit Permit Program showed limited activity during the year. Only 10 new permits were issued despite an appeal by the Minister to Island contractors for their co-operation in the implementation of the objectives of the excavation pit regulations. Five (5) abandoned excavation pits were restored with funds made available under the Landscape Improvement Program. There was 1 successful prosecution carried out under the Excavation Pit Regulations during the year.

Nineteen (19) dredge spoil disposal applications were processed during the year. A number of on-site inspections of disposal sites were carried out with Federal Public Works. In connection with the disposal of PCB contaminated sediments in Georgetown Harbour, staff attended 2 public meetings in the area. Water, sediment and shellfish samples were analyzed following completion of the dredging activity.

The section staff were active during the year in a number of programs related to shoreline erosion. Five (5) coastal erosion problems were investigated at the request of property owners and information was made available on current erosion control methodologies. Measurements were taken at the 27 previously established erosion monitoring sites while a number of additional sites were established.

The section co-operated with the Maritime Standing Committee on Shellfish and the P.E.I. Working Group on Shellfish to deal with matters related to surveillance and classification of shellfish growing areas. The Ad Hoc Inter-departmental Review Committee established in 1984 to deal with mussel and oyster shell mining applications met a number of times during the year. Two (2) proposals were reviewed, with 1 project receiving approval for the extraction of 2,300 cubic metres for 1 year only.

Water Resources Section

Groundwater and surface water resource management and technical support to the public, municipalities and industry remain the major focus on this section's activity. Protection of the province's groundwater is a critical activity and several of the section's programs and services are designed to evaluate, develop and protect this important natural resource.

A study of the water resources of the Winter River Basin, conducted and funded jointly with Environment Canada and the Charlottetown Water Commission, continued into the 4th year of the 5 year study. The Basin supplies about 4.5 billion litres of water to the Charlottetown region annually from 2 well fields. Detailed studies were conducted to provide information on groundwater availability and flow directions in the Winter River Basin. Memorial University was successful in obtaining an Environment Canada Research Support Contract for contaminant tracer experiment analysis.

In co-operation with the National Hydrology Research Institute of Environment Canada, a research project on the migration pattern of the pesticide aldicarb was initiated. In this initial year of the 3-4 year project 20 observation wells were drilled and 4 soil-water samplying devices were installed in June at study sites at Augustine Cove and Freetown.

As a follow-up to previous surveys of aldicarb in private wells, samples were collected from 11 private wells which had previously measured aldicarb concentrations. Ten (10) of these wells still had a detectable aldicarb concentration at very low levels.

A 3 volume reference book entitled "Prince Edward Island Pesticide Information Manual" was prepared in 1985 and distributed in September. This manual lists 329 pesticides used mainly in the agricultural sector in the province and provides a quick means of identifying a pesticide through both its trade name and active ingredients. It also gives data on its toxicology and chemical and physical properties and provides emergency response information.

Leaking underground petroleum storage tanks present a serious hazard to the province's fresh groundwater supply, and work toward reducing this hazard has progressed on a number of fronts. In conjunction with the petroleum industry, staff are preparing guidelines on underground petroleum storage tanks that would establish minimum standards for the construction, installation, testing and removal of these tanks at retail gasoline outlets.

Staff of the section attended a Canada-wide workshop on leaking underground tanks in Vancouver. This workshop outlined the scope of this problem, a major concern all across North America. Several aspects of the problem were discussed, including: inventory control, tank design, tank corrosion, legal implications, insurance, spill clean-up, restoration and education.

A survey of all retail petroleum sales outlets including marinas, was conducted during 1985. The status of product inventory records and the age and description of the underground storage tanks was recorded at each outlet. A number of problems were identified with the maintenance of inventory records and the Department is working with the petroleum industry to improve the situation.

Information on underground petroleum storage tanks at all provincial and federal government installations was obtained through a questionnaire. This information was computerized and will be easily updated.

A total of 39 petroleum spills or leaks were investigated in 1985, resulting in 24 wells being contaminated. Eight (8) of these spills involved underground tank leaks and resulted in 8 wells being affected.

Regular water quality monitoring at the provincial landfill sites at East Royalty, Cardigan, St. Eleanors and Miltonvale Park was conducted during the year. No major changes in water quality were observed. A number of private wells are also monitored in the area around 2 of these sites. Four (4) new monitoring wells were drilled in co-operation with Transport Canada as part of the Charlottetown Airport monitoring system.

Although there were 13 well drilling licenses issued, there were only 7 active well drilling contractors operating in the province. Drilling was brisk in Prince and Western Queens Counties during the latter portion of the year due to an abnormally high number (at least 50) of low capacity and dry wells. This was caused by below-normal precipitation during the year.

The following gives a summary of the well drilling in the province:

Well Drilling Licenses Issued	13
Well Drilling Permits (High capacity well)	12
Areas Restricted for Well Drilling	6
Field Inspections of Drillers	11
Well Drillers Reports Received	600
New Wells Located for Drillers	32
Design or Supervision of Pumping Test	6
Salt Water Wells Development	7
Abandoned Wells Plugged	12
Abandoned Wells Inspected	19

Technical assistance was provided to municipalities, consultants and industries for several water supply projects where high capacity water wells were being developed.

There continued to be a strong public interest in salt water wells for shellfish production. Wells in Summerside and Victoria were examined as potential supplies for a proposed lobster culture plant. Other locations examined for salt water well development included Alberton, Rocky Point, Bunbury, North Lake, Tignish and Cardigan.

Record low (18 years) water levels were recorded in November and December at 3 of the province's 15 groundwater observation wells. Water levels were below normal during the first 2 months at most stations. The levels recovered to normal with spring recharge but were below normal at most locations by September.

The P.E.I. Stream Alteration Advisory Committee, chaired by the Water Resources Section, reviewed 93 applications and issued 76 permits. This review process is designed to ensure that dams, stream crossings and aquaculture projects do not detrimentally affect natural sports fishery habitats. Work in 1985 included streamflow assessments for aquaculture projects at West River, Glenfinnan River, Vernon River and Southport River.

As shown on the following table, there was an extremely heavy public demand for service under the Well Water Quality Program. Requests for Water Quality Certification (mortgages) were up 1.7 times from the previous year to 785. In general, the use of in-province laboratories increased and this also reflects an increase in field investigations, interpretation of results and recommendations for corrective measures.

Samples Collected:		**1985**
Bacterial Analyses		2,568
Routine Chemical Analyses		692
Water Quality Certification (Mortgage)		785
Agriculture Research Station Chemical Analyses		889
Public and Private Wells	679	
Landfill Monitoring	136	
Surface Water	74	
Out of Province Lab Analyses		91

The major water quality problems were contamination by coliform bacteria (total and faecal), nitrates, chlorides, iron, managese, petroleum, hardness and sodium. There were 117 coliform counts discovered during sampling for Water Quality Certification (mortgages). Section staff also sampled public water supply systems at provincial parks, schools, subdivisions, municipalities and senior citizens housing to ensure water quality meets acceptable standards.

Water Resources Section also assisted in supervision of the Evangeline Region Drainage Project and a Parks Canada lake quality evaluation.

Brief descriptions of some of the major investigations conducted into groundwater contamination in 1985 follow:

Fredericton — Seven (7) wells with bacteriological coliform counts. Two (2) new wells drilled. Suspected sources were animal feedlot, sewage disposal and improper well contruction.

Milton — Two (2) wells with bacteriological coliform counts. Two (2) new wells drilled. One (1) confirmed source was a sewage disposal system.

Cavendish — The water supply of an amusement park was contaminated with coliform bacteria. Ultra-violet treatment units were installed to solve the problem.

New Annan — One (1) production well contaminated with gasoline including benzene.

Victoria — One (1) homeowner drilled 3 wells and encountered sea water in all of them. Salt water was present to a depth of over 400 feet. Downhole conductivity and geophysical logs conducted.

Montague — Two (2) wells with bad taste which was attributed to phenols.

Carleton Siding — Two (2) wells contaminated with nitrates.

Emerald — Three (3) wells with taste problems. No source identified.

Margate — Bacterial contamination of 3 wells due to manure runoff.

St. Edwards — Three (3) wells with high iron and manganese due to shallow wells in poorly drained area.

Irishtown Road — Three (3) wells contaminated by gasoline from a leaking underground tank. Two of the wells had a high concentration of benzene.

Miminegash — Three (3) wells with high iron and manganese due to shallow wells in a poorly drained area.

O'Leary — Two (2) wells with bacterial contamination because of shallow wells in a poorly drained area.

Stanley Bridge — Two (2) wells contiminated from a gasoline spill.

Southport — Investigation of 1 well contaminated by sewage from a faulty septic system.

St. Peters — One (1) well contaminated by sewage from an improperly installed septic system.

Rice Point — A well supplying 3 cottages was contaminated by sewage from a sewage disposal system.

Kensington — A complaint of 4 dry wells was investigated and was attributed to a lack of fall recharge.

New Perth — A subdivision well was contaminated with coliform bacteria.

FISH AND WILDLIFE DIVISION

Programs and activities of the Fish and Wildlife Division are directed at providing recreation and economic opportunities through the conservation and protection of our wildlife and sportfish resources.

Interest and enjoyment in these renewable resources is shared by the majority of the population. In addition to the obvious importance of fish and wildlife to anglers, hunters, and trappers, a 1981 Canada-wide survey determined that 77% of Islanders surveyed enjoyed wildlife in non-consumptive wildlife-related activities such as watching, feeding, studying or photographing wildlife. The survey further determined that 78% felt it was important to maintain abundant wildlife populations.

Collectively, approximately 22,000 angling, hunting, and trapping licenses are purchased annually. This figure does not represent the true participation of anglers and hunters due to a license exemption for resident commercial fishermen and their wives, resident farmers and farm labourers and their wives, and individuals under 16 years of age.

The reports which follow summarize projects and activities in the major program areas of the division.

Land Acquisition

In 1985, the Division acquired 2 parcels of wildlife habitat. A 200-acre parcel of wood-wetland habitat abuting Whitlock's Pond was purchased in co-operation with Ducks Unlimited Canada. Acquisition of this parcel completed the wildlife management block known as the Forest Hill Management Area. As well, a 28-acre parcel of quality wetland habitat was acquired in the St. Georges area. This parcel will be managed to the benefit of wildlife and sport fish and for use and enjoyment of the public.

Fisheries

The division is responsible for the maintenance and management of 90 dam sites in the province. As a measure of protection, safety railings were installed at Cass' Pond, Covehead, and Affleck's Pond, Bedeque, while railings at 10 other sites were maintained. Fishway baffles at Leard's Pond, Riverton, were replaced in co-operation with the Department of Fisheries and Oceans. With the assistance of Canada Employment and Immigration all dam sites under management were inspected, and maintenance requirements documented.

In an effort to assess the use of fishways by sea-run trout and Atlantic salmon, and to provide insight into the timing and strength of upstream movements, fish traps are installed at selected sites on an annual basis. During the year, upstream movements of fish were monitored at Bell's Pond, New Glasgow; Murphy's Pond, Millvale; Carragher's Pond, Emyvale; Officer's Pond, Suffolk; Cass' Pond, Covehead; and Old Maritime Electric Pond, Valleyfield.

In an effort to improve angler opportunities, approximately 20,000 brook trout were distributed to over 20 public dam sites throughout Queens and Kings Counties through the assistance of Cardigan Fish Culture Station. As well, stocking levels for rainbow trout for O'Keefe's and Glenfinnan Lakes were maintained at 9,000 and 5,000 respectively.

The division continued to support Department of Fisheries and Oceans Atlantic salmon enhancement program. The semi-natural rearing of juvenile Atlantic salmon continued at Profit's Pond, Bloomfield. In May, 22,000 smolts were stocked into the Morell River equally distributed from both Profit's Pond and Cardigan Fish Culture Station. This stocking was part of the program to assess the benefits of semi-natural rearing in the continuing effort to develop an early-run Atlantic salmon sports fishery in the River. As well, approximately 2,000 smolts were permitted to migrate from Profit's Pond as supplement to the existing salmon fishery in Mill River.

The number of stream improvement projects was down in 1985 but a very successful project was conducted on St. Peters River and Bristol Creek. This project was sponsored by the local Lions Club with technical advice being provided by division staff. As well, smaller projects were assisted in the Beach Point and MacNeil's Mills areas.

In an effort to obtain information on angler activity in the enhanced fisheries of Glenfinnan and O'Keefe's Lakes, and Morell River, creel censuses were conducted with the support of the Department of Industry's Youth Employment Program.

Upland Game

Woodlot management plans were developed for Fish and Wildlife Division properties in Dromore, Westmoreland, St. Chrysostom and the Brae. Management included tree planting, clear cuts and selective cuts with the objective of enhancing the areas for wildlife, while improving wood fiber production. As well, 3 kilometers of woodlot access roads were constructed, 2 in Dromore and 1 in St. Chrysostom.

The annual game harvest results were tabulated for the 1984-85 season, while the 1985-86 survey is scheduled to be mailed in early March 1986. The 1985-1986 survey will be sampled from the computerized list of Firearm Safety Certificate holders. The 1985-1986 survey should result in more accurate information, with its inclusion of both licensed and non-licensed hunters; past surveys were sampled from only licensed hunters. Game harvest surveys provide information on long term population trends, essential to the management of game species. The following table presents game harvest estimates for the past 10 years.

Game Harvest Estimates 1974-1984

Year	Licenses Sold	Ruffed Grouse	Hungarian (Gray) Partridge	Snowshoe Hare	Snipe	Woodcock	Black Ducks	Other Ducks	Canada Geese
1975	5,680	12,239	2,102	25,000	1,153	694	17,370	12,280	7,574
1976	6,316	16,841	3,670	32,903	722	636	20,629	15,317	21,083
1977	6,697	9,290	3,450	29,940	360	380	15,690	12,360	16,770
1978	6,848	7,870	2,330	51,510	1,363	286	20,490	13,680	11,756
1979	6,261	6,625	1,800	33,550	1,360	30	13,390	10,980	12,670
1980	5,864	9,740	3,100	22,320	780	150	22,690	14,110	18,310
1981	5,683	8,330	2,130	18,860	1,000	270	19,660	13,260	15,270
1982	5,388	11,790	2,260	17,440	600	32	19,290	13,120	15,290
1983	5,800	12,100	2,640	22,510	820	140	20,180	12,760	14,070
1984	4,846	12,080	2,100	18,020	150	130	16,840	10,710	14,290

The co-operative pheasant rearing and release program with the P.E.I. 4-H Council was continued in 1985. Seventeen (17) groups of 3 members each were given approximately 24 pheasants to rear and release. The following 4-H clubs were involved in the program in 1985; North Shore, Dunstaffnage-Marshfield, Mermaid-Mt. Herbert, Fort Augustus, Winsloe-Brackley, Cloverleaf, Brooklyn-Heatherdale, Lot 16, Pleasant Valley, Freetown, North River and Albany.

As in the past, the Earnscliffe Shooting Preserve was provided with technical and financial assistance in their pheasant rearing and release operation. The preserve provides residents and non-residents the opportunity to hunt pheasants under natural conditions.

In a continuing effort to re-establish viable Gray (Hungarian) partridge populations in Eastern Kings and Western Prince Counties, approximately 10 conveys were live-trapped from Queens County and released in the Souris and O'Leary areas.

Waterfowl Program

The waterfowl habitat management program consists of the development and enhancement of wetlands for both wildlife habitat and public use. For the past 15 years, Ducks Unlimited (Canada), in co-operation with the Fish and Wildlife Division and private landowners, have developed and improved 87 marshes on P.E.I. totalling 4,838 acres and including 156.1 miles of shoreline. During the year 10 projects (250 acres) were developed and over 8 miles of channels and ditches were excavated in over-mature marshes across the Island.

The division continued to sow wild rice seed on newly flooded impoundments, and assessment of previous plantings continued.

The waterfowl breeding pair and brood survey was conducted again in 1985. The survey provides an annual index to waterfowl production for wetlands across the province and aids in regulatory management decisions. The survey is conducted co-operatively with the Canadian Wildlife Service, with the Service providing supplementary field crews and data analysis services.

The division co-operates with the Canadian Wildlife Service and the Atlantic Waterfowl Council in banding waterfowl to determine migration routes, harvest patterns and mortality rates of ducks and geese. Division staff was involved in banding waterfowl that overwinter in the province. The results of this winter banding are summarized below.

Summary of P.E.I. Winter Banding — 1985*

Species	Sex		Total
	Male	Female	
Black Duck	308	112	420
Black X Mallard Hybrid	26	2	28
Mallard	1	—	1
TOTAL			449

*Period of banding: January & February, 1985.

Efforts were also directed at banding spring migrant Canada geese and locally produced ducks (black ducks, blue-winged and green-winged teal, American wigeon, pintail, and ringnecked ducks). One hundred and twenty (120) Canada geese were banded, while a total of 334 local ducks were banded during July and August. Canadian Wildlife Service provided assistance in spring and summer banding.

The banding program also includes activities related to migratory birds other than waterfowl. Twenty-two (22) young ospreys were banded in a continuing effort to gain information on migration patterns and mortality factors for young fledged from Island nest sites. This brings the total number banded over the years to 193.

The breeding status of the woodcock, an important game bird species in eastern North America, is conducted annually throughout its range. Results in Prince Edward Island's survey indicated an increase in the breeding index of 13% over 1984. This conforms to the general pattern in the Maritime region.

A study was initiated in the spring to determine the food habits of double-crested cormorants, a species that has undergone a rangewide expansion in recent years. The investigation concentrated on birds frequenting fresh water wetlands, with marine and estuarine food habit data also being collected. Results of the study will be used to determine future management recommendations for the species. A preliminary report is due in January 1986. The study was jointly funded by the division and the Department of Fisheries and Oceans, with the support of the P.E.I. Wildlife Federation.

Furbearers

Division staff continued to monitor, develop and improve the wild fur industry in the province through trapper education, research and management. The value of wild fur exported from the province for the 1984-85 season increased to over $212,000. The following tables summarize the annual wild fur harvest and values since 1971-72 and the average price and value of fur harvested by species for 1984-85 respectively.

ANNUAL WILD FUR HARVEST AND VALUE IN P.E.I. 1971-72 TO 1983-84 INCLUSIVE

	SPECIES								
YEAR	BEAVER	MUSKRAT	REDFOX	RACCOON	MINK	RED SQUIRREL	WEASEL	STRIPED SKUNK	TOTAL FUR VALUE
1971-72	Season Closed	3,639	2,694	495	328	9	52	—	$ 68,153
1972-73	Season Closed	3,183	1,897	663	422	80	54	—	74,274
1973-74	198	4,554	2,169	827	472	153	27	2	144,693
1974-75	122	4,364	1,438	680	479	196	47	14	69,683
1975-76	91	4,124	1,185	726	527	206	41	16	104,861
1976-77	342	3,826	1,061	1,312	537	149	30	11	125,935
1977-78	254	7,986	792	1,435	815	82	18	1	149,403
1978-79	243	7,257	852	1,409	911	63	96	5	234,026
1979-80	390	5,738	1,101	2,001	805	94	12	26	264,575
1980-81	327	7,661	919	1,730	944	62	29	7	243,911
1981-82	700	7,563	1,110	2,024	909	106	76	17	225,400
1982-83	289	8,527	1,163	1,336	635	63	10	—	164,107
1983-84	378	9,886	1,125	1,119	718	210	15	—	196,887
1984-85	476	8,964	1,252	1,405	1,147	84	45	—	212,148

PRINCE EDWARD ISLAND

WILD FUR PRODUCTION AND VALUE 1984-85

Species	Production	Average Price*	Value
Beaver	476	$30.63	$14,579.88
Muskrat	8,964	5.72	51,274.08
Red Fox (incl. silver & cross)**	1,252	68.73	86,058.98
Raccoon	1,405	19.35	27,186.75
Wild Mink	1,147	27.35	31,370.45
Squirrel	84	.41	34.44
Weasel	45	1.76	79.20
Skunk	—	—	—
Castoreum	395 oz.	3.96/oz.	1,546.64
		TOTAL	$212,148.42
*Based on O.T.A. averages for P.E.I. fur for 1984-85 season.			
**Red Phase	1,140	61.37	69,961.80
Silver Phase	27	175.19	4,730.13
Cross Phase	85	133.73	11,367.05

A trapper education course, sponsored jointly by the P.E.I. Trappers' Association and the Fish and Wildlife Division, was conducted in late October. Twenty-seven (27) local trappers registered for the course which was taught by 2 professional trapper-instructors from New Brunswick.

Although valuable for fur and, more importantly, for creating valued wetland habitat, beaver populations must be properly managed to prevent over population and subsequent damage to roads, woodlots and agricultural land. Information on sex, age and reproduction is collected annually for beaver harvested and used in conjunction with population indices and harvest figures to determine annual trapping seasons. With a healthy, expanding population the 1985-86 beaver season was adjusted to provide for an additional week of trapping.

During the year Fish and Wildlife Division personnel continued to co-operate with Department of Transportation and Public Works personnel in the control of beavers at highway-stream intersections throughout the province. Nineteen eighty-five (1985) was a busy year in this regard.

The province continued to lend support to the Fur Institute of Canada and its objectives of promoting sound management of furbearers and improving markets for wild fur. As of October 1985 the division has been directly participating in the business of the Institute's Trapper Education Committee. The Fur Institute is an incorporated company created in response to the increased pressure by animal rights groups against the harvest of wild fur, an industry valued at approximately $600 million to the Canadian economy.

Hunter Safety

As a result of an amendment to the **Fish and Game Protection Act** all first-time hunters and those under 16 years of age were required to show proof of successful completion of instruction in firearm safety before being permitted to hunt in the province, effective September 1, 1984. In support of the Legislation, regulations were introduced requiring all hunters to be in possession of a Firearm Safety Certificate before going afield, with experienced hunters being issued certificates on proof of previous hunting experience. In excess of 8,000 Firearm Safety Certificates have been issued to resident and non-resident hunters.

In an effort to ensure that all those individuals requiring firearm safety instruction were afforded an opportunity to obtain the benefits of course instruction, 28 Firearm Safety Courses were offered throughout the province in Community Schools, in the curriculum of some regional high schools, as well as through a number of weekend courses. A total of 487 experienced and first-times hunters registered for instruction, involving 13 volunteers and 7 Fish and Wildlife staff. The total number of individuals offered firearm safety instruction in the province since 1974 now numbers 3,939.

In April, the Fish and Wildlife Division, in co-operation with C.F.B. Summerside, sponsored a successful weekend workshop for instructors at C.F.B. Summerside. Topics addressed included Emergency First Aid, Boating Safety, and Map and Compass.

There were no hunting accidents recorded in 1985.

Enforcement

Enforcement resulted in 49 violations being registered by enforcement staff under the various acts regulating conservation and protection of fish and wildlife in the province. A summary of violations for the past 8 years is presented below.

VIOLATION SUMMARY FOR THE PERIOD 1978-1985 INCLUSIVE

VIOLATION	1978	1979	1980	1981	1982	1983	1984	1985
Fishing without License	7	3	6	27	20	11	5	6
Trapping without a License	1	—	1	—	1	2	—	—
Hunting without a Provincial License	2	1	6	3	7	4	6	—
Hunting without a Federal Permit	4	—	8	5	3	3	—	—
Fishing out of Season	—	11	2	16	9	10	2	9
Hunting out of Season	9	1	1	—	3	1	4	—
Trapping out of Season	2	2	5	1	3	5	4	2
Exceeding Daily Bag Limit	2	—	—	—	2	4	1	1
No Permits for Green Hides	1	—	1	—	—	1	3	2
Hunting on Sunday	—	—	—	1	1	—	—	1
Illegal Hunting with a .22 Rifle	1	—	—	—	—	—	—	—
Loaded Firearm in Vehicle	6	4	1	2	3	3	2	2
Discharing Firearm within 200 Yards of Dwelling	—	—	—	—	1	—	—	—
Illegal Possession of Migratory Birds	2	—	—	—	—	—	—	1
Spearing Salmon	6	—	—	—	—	—	—	—
Pesticides Control Act	5	—	—	—	1	—	—	2
Fishing with More Than One Line	1	—	4	5	5	4	4	4
Hunting with More Than One Shotgun	1	—	—	—	—	—	—	1
Hunting with Unplugged Shotgun	4	—	2	5	2	3	3	3
Trespassing	—	2	—	—	—	—	—	—
Giving False Information	—	2	3	6	2	2	2	—
Fail to Report on Aviculture Permit	1	—	—	—	—	—	—	—
Hunting in Wildlife Management Area	2	—	—	3	—	—	—	—
Hunting while Suspended	2	—	—	1	—	—	—	—
Hunting in Federal Sanctuary	—	2	—	—	—	—	—	—
Load Falling From Truck	1	2	—	—	—	—	—	—
No Tags on Snares	—	—	1	1	1	2	3	1
Trapping within 10 ft. of Beaver House	—	—	2	1	—	—	—	—

Transferring of License ..	—	—	—	—	—	—	—	1
Littering Highway	1	1	—	—	1	1	—	—
Baiting of Waterfowl	1	—	—	—	—	—	3	1
Molest Wildlife	3	—	—	—	2	—	—	—
Obstructing Passage of Fish	—	—	—	2	—	—	—	—
Not Checking Traps Every 48 Hours	—	—	—	—	1	—	—	—
Obstructing Conservation Officer	—	—	—	—	2	—	1	1
Illegal Transport of Migratory Birds	—	—	—	—	—	—	1	—
Net with No License	—	—	—	—	—	—	1	—
Jigging for Sports Fish ...	—	—	—	—	—	—	1	—
Illegal Excavation Pit	—	—	—	—	—	—	1	2
Fishing while Suspended .	—	—	—	—	—	—	—	2
Shipping Fur without Export Permit	—	—	—	—	—	—	—	1
No Firearm Safety Certificate	—	—	—	—	—	—	—	2
No Fur Dealers License ..	—	—	—	—	—	—	—	1
Assault Peace Officer Criminal Code	—	—	—	—	—	—	—	4
TOTAL	76	31	43	79	70	63	41	49